

Title (en)

A METHOD AND DEVICE FOR IN-SITU TESTING A VACUUM-PRESSURE VALVE OF A STORAGE TANK

Title (de)

VERFAHREN UND VORRICHTUNG ZUR IN-SITU-PRÜFUNG EINES VAKUUMDRUCKVENTILS EINES LAGERTANKS

Title (fr)

PROCEDE ET DISPOSITIF POUR TESTER IN SITU UNE SOUPAPE DE VIDE-PRESSION D'UN RESERVOIR

Publication

EP 3754235 A1 20201223 (EN)

Application

EP 20180602 A 20200617

Priority

NL 2023322 A 20190617

Abstract (en)

The invention relates to a method for testing a vacuum/pressure valve (7, 8) in a valve housing (1) on a storage tank (4), comprising at least one of:I: - sealing an outside of a vacuum valve (7) gas-tight with a test valve (15), - applying an increasing overpressure in a test space (16) defined by the test valve and the vacuum valve that is higher than a pressure on the inside of the vacuum valve, and - measuring and recording the pressure in the test space until a valve of the vacuum valve is opened, andII: - sealing off a supply to the valve housing gastight, - applying an increasing overpressure in the valve housing that is higher than a pressure on the outside of the pressure valve, and - measuring and recording the pressure in the valve housing to a valve of the pressure relief valve is opened. Preference is given to a device for use in the method, comprising a pipe plug with pressure chamber for gastight placement in a flange connection to the vacuum valve, the device comprising a pressure gauge for measuring the pressure in the pressure chamber and a compressed gas connection for increasing the pressure in the pressure chamber.

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

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DOCDB simple family (publication)

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